



ROADMAP MLCC  
2026

| Case Size<br>inch (mm) | Capacitance | 151   | 221   | 331  | 391   | 471   | 561   | 681   | 821   | 102 | 122   | 152   | 182   | 222   | 272   | 332   | 392   | 472   | 562   | 682   | 822   | 103  | 123  | 153  | 183  | 223  | 273  |  |
|------------------------|-------------|-------|-------|------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|--|
|                        |             | 150pF | 220pF | 33pF | 390pF | 470pF | 560pF | 680pF | 820pF | 1nF | 1.2nF | 1.5nF | 1.8nF | 2.2nF | 2.7nF | 3.3nF | 3.9nF | 4.7nF | 5.6nF | 6.8nF | 8.2nF | 10nF | 12nF | 15nF | 18nF | 22nF | 27nF |  |
|                        | Voltage     |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 0402 (1005)            | 50 V        |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
|                        |             |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 0603 (1005)            | 16 V        |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
|                        | 50 V        |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
|                        |             |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 0805 (2012)            | 16 V        |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 25 V        |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 50 V        |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 100 V       |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 250 V       |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        |             |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 1206 (3216)            | 25 V        |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 50 V        |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 100 V       |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 250 V       |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    |  |
|                        | 630 V       |       |       |      |       |       |       |       |       | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    |      |      |      |      |      |  |
|                        | 1 KV        |       |       |      |       |       |       |       |       | X   | X     | X     | X     | X     | X     | X     | X     | X     |       |       |       |      |      |      |      |      |      |  |
|                        |             |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 1210 (3225)            | 25 V        |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
|                        | 50 V        |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
|                        | 1KV         |       |       |      |       |       |       |       |       | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    |      |      |      |      |      |  |
|                        | 2 KV        |       | A     | A    | A     | A     | A     | A     | A     | A   | A     | A     | A     | A     |       |       |       |       | X     | X     | X     | X    |      |      |      |      |      |  |
|                        |             |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 1812 (4632)            | 1 KV        |       |       | X    | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    |      |      |      |      |      |  |
|                        | 2 KV        |       | A     | A    | A     | A     | A     | A     | A     | A   | A     | A     | A     | A     | A     | A     | A     | A     | A     | A     | A     | A    | A    |      |      |      |      |  |
|                        |             |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 2220 (5750)            | 2 KV        |       |       |      |       |       |       |       |       | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    |      |  |
|                        | 3KV         | A     | A     | A    | A     | A     | A     | A     | A     | A   | A     | A     | A     | A     | A     | A     | A     | A     | A     | A     | A     | A    |      |      |      |      |      |  |
|                        |             |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |
| 2225 (5764)            | 630 V       |       |       |      |       |       |       |       |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |  |

X = available only with soft termination (Superterm)    O = optionally available with or without soft termination (Superterm)    S = not available with soft termination (Superterm)    A = available only with Arc Prevention Coating

| Case Size<br>inch (mm) | Capacitance | 333  | 393  | 473  | 563  | 683  | 823  | 104   | 124   | 154   | 184   | 224   | 274   | 334   | 394   | 474   | 564   | 684   | 824   | 105 | 155   | 225   | 335   | 475   | 685   | 106         |
|------------------------|-------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------------|
|                        |             | 33nF | 39nF | 47nF | 56nF | 68nF | 82nF | 100nF | 120nF | 150nF | 180nF | 220nF | 270nF | 330nF | 390nF | 470nF | 560nF | 680nF | 820nF | 1uF | 1.5uF | 2.2uF | 3.3uF | 4.7uF | 6.8uF | 10uF        |
|                        | Voltage     |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 0402 (1005)            | 50 V        |      |      |      |      |      |      | S     |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 0603 (1005)            | 16 V        |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       | X   |       |       |       |       |       |             |
|                        | 50 V        |      |      |      |      |      |      | X     |       |       |       | X     |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 0805 (2012)            | 16 V        | X    | X    | X    | X    | X    | X    | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X   | X     | X     |       |       |       |             |
|                        | 25 V        | X    | X    | X    | X    | X    | X    | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X   | X     | X     |       |       |       |             |
|                        | 50 V        | X    | X    | X    | X    | X    | X    | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X   | X     |       |       |       |       |             |
|                        | 100 V       | X    | X    | X    | X    | X    | X    | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X   | X     |       |       |       |       |             |
|                        | 250 V       |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 1206 (3216)            | 25 V        | X    | X    | X    | X    | X    | X    | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X   | X     | X     | X     | X     |       |             |
|                        | 50 V        | X    | X    | X    | X    | X    | X    | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X   | X     | X     |       | X     |       |             |
|                        | 100 V       | X    | X    | X    | X    | X    | X    | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X   | X     |       |       |       |       |             |
|                        | 250 V       | X    | X    | X    | X    | X    | X    | X     |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
|                        | 630 V       |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 1210 (3225)            | 25 V        |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       | X   | X     | X     | X     | X     | X     | X           |
|                        | 50 V        |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       | X   | X     | X     | X     | X     |       | coming soon |
|                        | 1KV         |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
|                        | 2 KV        |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 1812 (4632)            | 1 KV        |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
|                        | 2 KV        |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 2220 (5750)            | 2 KV        |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
|                        | 3KV         |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |       |       |       |             |
| 2225 (5764)            | 630 V       |      |      |      |      |      |      |       |       |       |       |       |       |       |       | X     |       |       |       |     |       |       |       |       |       |             |

X = available only with soft termination (Superterm)    O = optionally available with or without soft termination (Superterm)    S = not available with soft termination (Superterm)    A = available only with Arc Prevention Coating

| Case Size<br>inch (mm) | Capacitance | 9R1   | 100  | 120  | 150  | 180  | 200  | 220  | 270  | 300  | 330  | 390  | 470  | 560  | 680  | 820  | 101   | 121   | 151   | 181   | 221  | 271   | 331   | 391   | 471   | 561   | 681   |   |
|------------------------|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|---|
|                        |             | 9.1pF | 10pF | 12pF | 15pF | 18pF | 20pF | 22pF | 27pF | 30pF | 33pF | 39pF | 47pF | 56pF | 68pF | 82pF | 100pF | 120pF | 150pF | 180pF | 22pF | 270pF | 330pF | 390pF | 470pF | 560pF | 680pF |   |
|                        | Voltage     |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
| 0805 (2012)            | 25 V        |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | X     | X     | X     | X     | X |
|                        | 50 V        |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | X     | X     | X     | X     | X |
|                        | 100 V       |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | X     | X     | X     | X     | X |
|                        | 250 V       |       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | X     | X     | X     | X     | X |
| 1206 (3216)            | 25 V        |       |      |      |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
|                        | 50 V        |       |      |      |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
|                        | 100 V       |       |      |      |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
|                        | 250 V       |       |      |      |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
|                        | 500 V       |       |      |      |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
|                        | 630 V       |       |      |      |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
| 1210 (3225)            | 1 KV        |       |      |      |      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
|                        | 1 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
| 1812 (4632)            | 1 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 1 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
| 1825 (4663)            | 500 V       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 500 V       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 630 V       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 1 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 2 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
| 2220 (5750)            | 500 V       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 500 V       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 630 V       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 1 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
| 2220 (5750)            | 2 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |
|                        | 2 KV        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |      |       |       |       |       |       |       |   |

X = available only with soft termination (Superterm)    0 = optionally available with or without soft termination (Superterm)    S = not available with soft termination (Superterm)    A = available only with Arc Prevention Coating

| Case Size<br>inch (mm) | Capacitance | 821   | 102 | 122   | 152   | 182   | 222   | 272   | 332   | 392   | 472   | 562   | 682   | 822   | 103  | 123  | 153  | 183  | 223  | 333  | 393  | 473  | 563  | 683  | 823  | 104   |
|------------------------|-------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|
|                        |             | 820pF | 1nF | 1.2nF | 1.5nF | 1.8nF | 2.2nF | 2.7nF | 3.3nF | 3.9nF | 4.7nF | 5.6nF | 6.8nF | 8.2nF | 10nF | 12nF | 15nF | 18nF | 22nF | 33nF | 39nF | 47nF | 56nF | 68nF | 82nF | 100nF |
|                        | Voltage     |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
| 0805 (2012)            | 25 V        | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
|                        | 50 V        | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
|                        | 100 V       | X     | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
|                        | 250 V       | X     | X   | X     | X     | X     | X     | X     | X     | X     |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
| 1206 (3216)            | 25 V        | O     | O   | O     | O     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    | X    |      |      |      |      |       |
|                        | 50 V        | O     | O   | O     | O     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    | X    | X    | X    | X    | X    | X    |      |      |      |      |       |
|                        | 100 V       | O     | O   | O     | O     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    |      |      |      |      |      |      |      |      |      |      |       |
|                        | 250 V       | O     | O   | O     | O     | X     | X     | X     | X     | X     | X     | X     | X     | X     | X    |      |      |      |      |      |      |      |      |      |      |       |
|                        | 500 V       | O     | O   |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
|                        | 630 V       | O     | O   |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
|                        | 1 KV        | O     | O   |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
| 1210 (3225)            | 1 KV        |       |     |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |       |
| 1812 (4632)            | 1 KV        |       | X   | X     | X     | X     | X     | X     | X     | X     | X     | X     | X     |       |      |      |      |      |      |      |      |      |      |      |      |       |
| 1825 (4663)            | 500 V       |       |     |       |       |       |       |       |       |       |       |       |       |       | X    | X    | X    | X    | X    | X    | X    | X    | X    |      |      |       |
| 2220 (5750)            | 500 V       | O     | O   | O     | O     | O     | O     | O     | O     | O     | O     | O     | O     | O     | O    | O    | O    | O    | O    | O    |      |      |      |      |      |       |
|                        | 630 V       | O     | O   | O     | O     | O     | O     | O     | O     | O     | O     | O     | O     | O     | O    | O    | O    | O    | O    | O    |      |      |      |      |      |       |
|                        | 1 KV        | O     | O   | O     | O     | O     | O     | O     | O     | O     | O     | O     | O     | O     | O    | O    | O    | O    | O    | O    |      |      |      |      |      |       |
|                        | 2 KV        | O     | O   | O     | O     | O     | O     | O     | O     | O     | O     | O     | O     |       |      |      |      |      |      |      |      |      |      |      |      |       |

X = available only with soft termination (Superterm)    O = optionally available with or without soft termination (Superterm)    S = not available with soft termination (Superterm)    A = available only with Arc Prevention Coating

# What's your mission?

## SALES

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